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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
07257 / 056002  
(AURO-004.03US)

SERIAL NO.  
08/974,737

INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

APPLICANT: Tsien et al.

FILING DATE:  
November 19, 1997

GROUP:  
1652

14971 U.S. PRO  
10/07/976



U.S. PATENT DOCUMENTS

NUMBER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
NE	P1	5,491,084	02/13/96	Chalfie et al.	435	189	
NE	P2	5,625,048	04/29/97	Tsien et al.	536	23.4	
NE	P3	5,777,079	07/07/98	Tsien et al.	530	350	
NE	P4	5,795,737	08/18/98	Seed et al.	435	69.1	
NE	P5	5,804,387	09/08/98	Cormack et al.	435	6	

FOREIGN PATENT DOCUMENTS

NUMBER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
NE	F1	WO 91/01305	02/07/91	PCT				
NE	F2	WO 95/07463	03/16/95	PCT				
NE	F3	WO 95/21191	08/10/95	PCT				
NE	F4	WO 96/23810	08/08/96	PCT				
NE	F5	WO 96/23898	08/08/96	PCT				
NE	F6	WO 96/27027	09/06/96	PCT				
NE	F7	WO 96/27675	09/12/96	PCT				
NE	F8	WO 97/11094	03/27/97	PCT				
NE	F9	WO 97/26333	01/17/97	PCT				

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NE	F10	WO 97/28261	08/07/97	PCT				
NE	F11	WO 97/42320	05/07/97	PCT				

## OTHER PUBLICATIONS (including Author, Title, Date, Pertinent Pages, Etc.)

NE	D1	Baldwin et al. Biochemistry 29 5509-5915 (1990)
NE	D2	Chalfie et al. Science 263 802-804 (1994)
NE	D3	Cheng et al Nature Biotechnology 14 606-609 (1996)
NE	D4	Cody et al Biochemistry 32 1212-1218 (1993)
NE	D5	Cormack, et al., Gene 173 33-38 (1996)
NE	D6	Chattoraj et al Proc. Natl. Acad. Sci 93 8362-8367 (1996)
NE	D7	Crameri et al. Nature Biotech. 14 315-319 (1996)
NE	D8	Cubitt et al., Trends in Biochem. Sci. 20:488-455 (1995)
NE	D9	Delagrave et al. BioTechnology 13 151-154 (1995)
NE	D10	Dickson et al., Science 274 966-969 (1996)
NE	D11	Ehrig et al. FEBS Letters 367 163-166 (1995)
NE	D12	Giuliano et al Ann. Rev. Biophys. Biomol. Struc 24 405-435 (1995)
NE	D13	Heim et al. Proc. Natl. Acad. Sci. 91 12501-12505 (1994)
NE	D14	Heim et al Nature 373 663-664 (1995)
NE	D15	Heim et al., Current Biology 6:178-182 (February 1996)
NE	D16	Inouye and Tsuji FEBS Lett 341 277-280 (1994)

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NE	D18	Levine et al. Comp. Biochem. Physiol. 728 77-85 (1982)
NE	D19	Mitra et al Gene 173 13-17 (1996)
NE	D20	Muhlrad et al Yeast 8 79-82 (1992)
NE	D21	Norris et al Plant Molecular Biology 24 673-677 (1994)
NE	D22	Niwa, et al. Proc. Natl. Acad. Sci. 93 13617-13622 (1996)
NE	D23	Ormo et al. Science 273 1392-1395 (1996)
NE	D24	Palm et al. Nature Struct. Biol. 4 361-365 (1997)
NE	D25	Perozzo et al J. Biol. Chem. 263 7713-7716 (1988)
NE	D26	Prasher et al. Gene 111 229-233 (1992)
NE	D27	Roth Thesis from the graduate program in Biochemistry from Rutgers , the state University of New Jersey (October 1985)
NE	D28	Ward in Bioluminescence and Chemiluminescence (eds DeLuca et al., 235-242 (Academic Press, NY, 1981)
NE	D29	Ward et al Biochemistry 21 4535-4540 (1982)
NE	D30	Ward et al Photochem Photobiol. 35 803-808 (1982)
NE	D31	Yang et al. Nature Biotechnology 14 1246-1251 (1996)
NE	D32	Yokoe and Meyer Nature Biotech 14 1252-1256 (1996)
NE	D33	Zolotukhin et al., 70 4646-4654 (1996)
NE	D34	S. Delagrave and D. Youvan, "Searching sequence space to engineer proteins: exponential ensemble mutagenesis," Bio Technology, 11:1548-1552 (December, 1993).

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